

Glaurung schneideri gen. et sp. nov., a new weigeltisaurid (Reptilia) from the Kupferschiefer (Upper Permian) of Germany

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Abstract

© 2015, Pleiades Publishing, Ltd. A new genus and species of gliding reptiles of family Weigeltisauridae, *Glaurung schneideri* gen. et sp. nov., from the Kupferschiefer (Upper Permian) of Germany is described and assigned to the newly established subfamily Glaurunginae subfam. nov. *Glaurung* is distinguished from other weigeltisaurid genera by the shape of the parietal, squamosal, and postorbital and also by the shape and distribution of ornamental outgrowths on the skull roof bones. Morphological differences between *G. schneideri* and *W. jaekeli* result from phylogenetic differentiation rather than sexual dimorphism, as was previously thought.

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Keywords

Germany, gliding reptiles, morphology, new genus, Upper Permian, Weigeltisauridae